

SYSTEM AND METHOD OF MOUNTING A DISPLAY SCREEN
VIA A PENDULUM TYPE MOUNT

ABSTRACT

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A pendulum mount supports a display screen for a dental patient. This pendulum mount includes a ceiling mount that mechanically couples to the ceiling. The ceiling mount allows rotation relative to the ceiling while internally routing cables for power, video, audio or other feeds to the display. A support arm mechanically couples to the ceiling mounts with a first joint. The cables exit the conduit at the first joint and enter the support arm. Then the cables run within the support arm to a second joint. Tension between the support arm and the ceiling mount counterbalances the moment of the display. A mounting assembly mechanically couples to the support arm via a second joint at the far end of the support arm to support the display for the dental patient. As with the first joint, cables exit the support arm and may directly couple to the display screen.

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